

What is Claimed Is:

1. A method in a notification system for sending a notification message for a user to a messaging server configured for identifying the user based on a destination telephone number^{Times with CPN} in a ^{modified} (first format), the method including:

obtaining for the notification message a destination telephone number^{caller return T number} in a ^{an unmodified} (second format);

5 converting^{unmodified format} (the destination telephone number in the second format) to ^{modified format} (the destination telephone number in the first format) based on execution of a mapping rule selected based on a match between the mapping rule and at least a portion of the destination telephone number in the second format; and

outputting the notification message having the destination telephone number having the first

^{modified} (format).

2. The method of claim 1, wherein the outputting step includes outputting the notification message to the messaging server according to Short Message Peer to Peer (SMPP) protocol.

3. The method of claim 2, wherein the messaging server is a Short Message Service Center configured for sending the notification message to a wireless telephone corresponding to the destination telephone number having the first format.

4. The method of claim 3, wherein the first format is an international telephone format, and the second format is a national telephone format.

5. The method of claim 4, wherein the converting step includes matching the mapping rule and the at least a portion of the destination telephone number in the second format based on a prescribed pattern within the destination telephone number in the second format.

6. The method of claim 5, wherein the matching step includes determining the prescribed pattern from a specified regular expression, within the matched mapping rule, that specifies the prescribed pattern.

7. The method of claim 6, wherein the converting step further includes replacing the at least a portion of the destination telephone number in the second format with a replacement value specified in the matched mapping rule.

8. The method of claim 1, wherein the converting step includes matching the mapping rule and the at least a portion of the destination telephone number in the second format based on a prescribed pattern within the destination telephone number in the second format.

9. The method of claim 8, wherein the matching step includes determining the prescribed pattern from a specified regular expression, within the matched mapping rule, that specifies the prescribed pattern.

10. The method of claim 9, wherein the converting step further includes replacing the at least a portion of the destination telephone number in the second format with a replacement value specified in the matched mapping rule.

11. The method of claim 10, wherein the first format is an international telephone format, and the second format is a national telephone format.

12. A notification system configured for sending a notification message for a user to a messaging server, the messaging server configured for identifying the user based on a destination telephone number in a first format, the notification system including:

a message interface configured for receiving the notification message and having the destination telephone number in a second format;

a dial map configured for converting the destination telephone number in the second format to the destination telephone number in the first format, the dial map executing a selected mapping rule based on a match between the mapping rule and at least a portion of the destination telephone number in the second format; and

an output interface configured for outputting to the messaging server the notification message

having the destination telephone number in the first format.

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13. The system of claim 12, wherein the output interface is configured for outputting the notification message according to Short Message Peer to Peer (SMTP) protocol.

14. The system of claim 12, wherein the dial map is configured for storing a plurality of the mapping rules, each mapping rule specifying a corresponding first expression, and a corresponding to second expression having the first format, the dial map selecting the selected mapping rule based on a match between the destination telephone number having the second format and the corresponding first expression.

15. The system of claim 14, wherein the dial map selects the selected mapping rule based on the corresponding first expression specifying a regular expression having a specified pattern that matches the at least a portion of the destination telephone number having the second format.

16. A computer readable medium having stored thereon sequences of instructions for sending a notification message for a user to a messaging server configured for identifying the user based on a destination telephone number in a first format, the sequences of instructions including instructions for performing the steps of:

obtaining for the notification message a destination telephone number in a second format;

converting the destination telephone number in the second format to the destination telephone number in the first format based on execution of a mapping rule selected based on a match between the mapping rule and at least a portion of the destination telephone number in the second format; and

outputting the notification message having the destination telephone number having the first format.

17. The medium of claim 16, wherein the outputting step includes outputting the notification message to the messaging server according to Short Message Peer to Peer (SMPP) protocol.

18. The medium of claim 17, wherein the messaging server is a Short Message Service Center configured for sending the notification message to a wireless telephone corresponding to the destination telephone number having the first format.

19. The medium of claim 18, wherein the first format is an international telephone format, and the second format is a national telephone format.

20. The medium of claim 19, wherein the converting step includes matching the mapping rule and the at least a portion of the destination telephone number in the second format based on a prescribed pattern within the destination telephone number in the second format.

21. The medium of claim 20, wherein the matching step includes determining the prescribed pattern from a specified regular expression, within the matched mapping rule, that specifies the prescribed pattern.

22. The medium of claim 21, wherein the converting step further includes replacing the at least a portion of the destination telephone number in the second format with a replacement value specified in the matched mapping rule.

23. The medium of claim 16, wherein the converting step includes matching the mapping rule and the at least a portion of the destination telephone number in the second format based on a prescribed pattern within the destination telephone number in the second format.

24. The medium of claim 23, wherein the matching step includes determining the prescribed pattern from a specified regular expression, within the matched mapping rule, that specifies the prescribed pattern.

25. The medium of claim 24, wherein the converting step further includes replacing the at least a portion of the destination telephone number in the second format with a replacement value

specified in the matched mapping rule.

26. The medium of claim 25, wherein the first format is an international telephone format, and the second format is a national telephone format.

27. A notification system configured for sending a notification message for a user to a messaging server, the messaging server configured for identifying the user based on a destination telephone number in a first format, the notification system including:

a message interface configured for receiving the notification message and having the destination telephone number in a second format;

means for converting the destination telephone number in the second format to the destination telephone number in the first format, the converting means executing a selected mapping rule based on a match between the mapping rule and at least a portion of the destination telephone number in the second format; and

a output interface configured for outputting to the messaging server the notification message having the destination telephone number in the first format.

28. The system of claim 27, wherein the output interface is configured for outputting the notification message according to Short Message Peer to Peer (SMTP) protocol.

29. The system of claim 27, wherein the converting means is configured for storing a plurality of the mapping rules, each mapping rule specifying a corresponding first expression, and a corresponding to second expression having the first format, the dial map selecting the selected mapping rule based on a match between the destination telephone number having the second format and the corresponding first expression.

30. The system of claim 29, wherein the converting means selects the selected mapping rule based on the corresponding first expression specifying a regular expression having a specified

pattern that matches the at least a portion of the destination telephone number having the second format.

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